

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S4	3814	tim\$4 and compensat\$3 and laser and fiber and temperature and (power near3 optical)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/30 16:41
S7	466	laser and control\$4 and (heat\$4 with cool\$4) and (detect\$4 near4 temperature) and (detect\$4 near4 power)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/30 17:15
S5	12667	laser and control\$4 and (heat\$4 with cool\$4) and detect\$4 and temperature and power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/30 17:15
S9	128	laser and control\$4 and (heat\$4 with cool\$4) and (detect\$4 near4 temperature) and (detect\$4 near4 (power or current)) and (power near3 value)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/30 17:16
S8	884	laser and control\$4 and (heat\$4 with cool\$4) and (detect\$4 near4 temperature) and (detect\$4 near4 (power or current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/30 17:16
S6	1019	laser and control\$4 and ((heat\$4 with cool\$4) with (adjust\$4 or fix\$3)) and detect\$4 and temperature and power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/30 17:18
S10	6	laser and control\$4 and ((heat\$4 with cool\$4) with ((adjust\$4 or fix\$3) near4 driv\$4)) and (detect\$4 near4 temperature) and (detect\$4 near4 (power or current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/30 17:20
S11	155	laser and control\$4 and ((heat\$4 with cool\$4) and ((adjust\$4 or fix\$3) near4 driv\$4)) and (detect\$4 near4 temperature) and (detect\$4 near4 (power or current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/30 17:23
S14	487	laser and (temperature near3 sensor\$1) and ((look-up) or look near2 up) and (driv\$4 near3 (circuit or current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/30 17:26
S13	377	laser and (temperature near3 sensor\$1) and ((look-up) or look near2 up) and (driv\$4 near3 circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/30 17:26
S12	1652	laser and (temperature near3 sensor\$1) and (((look-up) or look near2 up) or memory) and (driv\$4 near3 circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/30 17:26

## EAST Search History

S15	516	laser and (temperature near3 sensor\$1) and ((look-up) or look near2 up) and (driv\$4 near3 (circuit\$3 or current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/30 17:27
S16	172	laser and (temperature near3 sensor\$1) and ((look-up) or look near2 up) and (driv\$4 near3 (circuit\$3 or current)) and produc\$4 and (temperature near3 detect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/30 17:28
S18	760	laser and (temperature with (sensor\$1 or detect\$3)) and (driv\$4 near3 (circuit or current)) and ((look\$3-up) or (look\$3 near2 up) or look-up)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/12/02 09:36
S19	567	laser and (temperature near3 (sensor\$1 or detect\$3)) and (driv\$4 near3 (circuit or current)) and ((look\$3-up) or (look\$3 near2 up))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/12/02 09:37
S20	346	S17 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/12/02 09:38
S21	126	S20 and tim\$4 and compensat\$3 and laser and fiber and temperature and (power near3 optical)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/12/02 09:47
S17	1900	laser and (temperature with (sensor\$1 or detect\$3)) and (driv\$4 near3 (circuit or current)) and (value near4 current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/12/02 09:47
S23	28	S22 and tim\$4 and compensat\$3 and fiber and (power near3 optical)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/12/02 11:49
S24	2	("20050078722").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/31 13:31
S1	2	("20050078721").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/31 14:06
S26	250	372/38.01.ccls.	US-PGPUB; USPAT	AND	ON	2006/01/31 14:07
S25	614	372/38.02.ccls.	US-PGPUB; USPAT	AND	ON	2006/01/31 14:07
S28	10	((("4,884,279") or ("4,903,273") or ("5,019,769") or ("5,479,424") or ("5,761,230") or ("5,974,063") or ("6,169,618") or ("6,188,498") or ("6,452,953") or ("6,480,314"))).PN.	USPAT	OR	OFF	2006/01/31 14:16

## EAST Search History

S31	429	laser and (temperature with (sensor\$1 or detect\$3)) and (driv\$4 near3 (circuit or current)) and (value near4 current) and (power near2 value)	US-PGPUB; USPAT	AND	ON	2006/01/31 14:25
S29	430	laser and (temperature with (sensor\$1 or detect\$3)) and (driv\$4 near3 (circuit or current)) and (value near4 current) and (power near2 value)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/01/31 14:25
S30	768	laser and (temperature with (sensor\$1 or detect\$3)) and (driv\$4 near3 (circuit or current)) and (temperature near2 control\$4) and ((adjust\$4 or fix\$3) near3 (cool\$3 or heat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/01/31 14:26
S32	761	laser and (temperature with (sensor\$1 or detect\$3)) and (driv\$4 near3 (circuit or current)) and (temperature near2 control\$4) and ((adjust\$4 or fix\$3) near3 (cool\$3 or heat\$3))	US-PGPUB; USPAT	AND	ON	2006/01/31 14:28
S33	103	(laser and (temperature with (sensor\$1 or detect\$3)) and (driv\$4 near3 (circuit or current)) and (temperature near2 control\$4) and ((adjust\$4 or fix\$3) near3 (cool\$3 or heat\$3))) and "372"/\$.ccls.	US-PGPUB; USPAT	AND	ON	2006/01/31 14:29
S36	7	("4583228"   "4834477"   "5392303"   "5511087"   "5553087"   "6212210"   "6389046").PN. OR ("6891867").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/01/31 14:30
S35	3	(laser and (temperature with (sensor\$1 or detect\$3)) and (driv\$4 near3 (circuit or current)) and (temperature near2 control\$4) and ((adjust\$4 or fix\$3) near3 (cool\$3 or heat\$3))) and "372"/38.01.ccls.	US-PGPUB; USPAT	AND	ON	2006/01/31 14:30
S34	0	(laser and (temperature with (sensor\$1 or detect\$3)) and (driv\$4 near3 (circuit or current)) and (temperature near2 control\$4) and ((adjust\$4 or fix\$3) near3 (cool\$3 or heat\$3))) and "372"/38.ccls.	US-PGPUB; USPAT	AND	ON	2006/01/31 14:30
S38	28	S37 and laser	US-PGPUB; USPAT	AND	ON	2006/01/31 14:32
S37	49	((Wu near3 Hsin-Ho) or (Deane near3 Peter)).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/01/31 14:32
S39	2	S38 and (driv\$3 near3 (current or circuit\$1))	US-PGPUB; USPAT	AND	ON	2006/01/31 14:33
S41	4	S25 and S26 and S27	US-PGPUB; USPAT	AND	ON	2006/01/31 14:35
S40	3	S37 and (driv\$3 near3 (current or circuit\$1))	US-PGPUB; USPAT	AND	ON	2006/01/31 14:35
S42	7	("20020105982"   "20020149821"   "20020181519"   "5604758"   "6526076"   "6631146"   "6748181").PN. OR ("6947455").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/01/31 14:37
S27	224	372/29.021.ccls.	US-PGPUB; USPAT	AND	ON	2006/01/31 14:58
S46	6	372/29.021.ccls. and S45	US-PGPUB; USPAT	AND	ON	2006/01/31 15:00
S44	202	372/29.021.ccls. and power	US-PGPUB; USPAT	AND	ON	2006/01/31 15:03
S50	6	"372"/\$.ccls. and S48	US-PGPUB; USPAT	AND	ON	2006/01/31 15:05
S49	1	372/29.021.ccls. and S48	US-PGPUB; USPAT	AND	ON	2006/01/31 15:05
S48	287	(trimming with compensat\$3) and laser and power	US-PGPUB; USPAT	AND	ON	2006/01/31 15:05
S45	2096	(trimming and compensat\$3) and laser and power	US-PGPUB; USPAT	AND	ON	2006/01/31 15:05

## EAST Search History

S52	136	372/29.021.ccls. and (power) and temperature	US-PGPUB; USPAT	AND	ON	2006/01/31 15:06
S47	48	372/29.021.ccls. and (power near2 value)	US-PGPUB; USPAT	AND	ON	2006/01/31 15:06
S54	16	372/29.021.ccls. and (power near2 value) and (temperature with (chance or driv\$4))	US-PGPUB; USPAT	AND	ON	2006/01/31 15:07
S53	47	372/29.021.ccls. and (power) and (temperature with (chance or driv\$4))	US-PGPUB; USPAT	AND	ON	2006/01/31 15:07
S51	40	372/29.021.ccls. and (power near2 value) and temperature	US-PGPUB; USPAT	AND	ON	2006/01/31 15:07
S55	166	"372"/\$.ccls. and (power near2 value) and (temperature with (chance or driv\$4))	US-PGPUB; USPAT	AND	ON	2006/01/31 15:14
S56	378	"372"/\$.ccls. and (power near2 value) and temperature and (driv\$4 (current or circuit))	US-PGPUB; USPAT	AND	ON	2006/01/31 15:15
S59	9	S58 and temperature and power	US-PGPUB; USPAT	AND	ON	2006/01/31 15:16
S58	13	"372"/29.021.ccls. and 372/33.ccls.	US-PGPUB; USPAT	AND	ON	2006/01/31 15:16
S60	7	"372"/29.021.ccls. and temperature and (driv\$4 near2 (current or circuit)) and 372/33.ccls.	US-PGPUB; USPAT	AND	ON	2006/01/31 15:20
S61	4	"372"/29.021.ccls. and (temperature same (driv\$4 near2 (current or circuit))) and 372/33.ccls.	US-PGPUB; USPAT	AND	ON	2006/01/31 15:24
S63	317	laser and (temperature same (driv\$4 near2 (current or circuit))) and (((look-up or (look near2 up)) near3 table) or LUT)	US-PGPUB; USPAT	AND	ON	2006/01/31 15:27
S62	4	"372"/29.021.ccls. and (temperature same (driv\$4 near2 (current or circuit))) and ((look-up or (look near2 up)) near3 table)	US-PGPUB; USPAT	AND	ON	2006/01/31 15:27
S65	20	S64 and "372"/\$.ccls.	US-PGPUB; USPAT	AND	ON	2006/01/31 15:28
S66	7	laser and (temperature same (driv\$4 near2 (current or circuit))) same (((look-up or (look near2 up)) near3 table) or LUT) and (power near3 value)	US-PGPUB; USPAT	AND	ON	2006/01/31 15:41
S67	3	("4785454"   "5019769"   "5742418").PN. OR ("6518563").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/01/31 15:47
S68	2	("20040131094"   "5754577").PN. OR ("6909731").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/01/31 16:01
S64	72	laser and (temperature same (driv\$4 near2 (current or circuit))) and (((look-up or (look near2 up)) near3 table) or LUT) and (power near3 value)	US-PGPUB; USPAT	AND	ON	2006/01/31 16:05
S70	2	372/29.021 and (((look-up or (look near2 up)) near3 table) or LUT) and power and 372/33	US-PGPUB; USPAT	AND	ON	2006/01/31 16:06
S69	13	372/29.021 and (((look-up or (look near2 up)) near3 table) or LUT) and power	US-PGPUB; USPAT	AND	ON	2006/01/31 16:21
S72	22	laser and (link near2 fiber) and (calculat\$3 near3 power near3 value)	US-PGPUB; USPAT	AND	ON	2006/01/31 16:42
S74	227	laser and (temperature near2 control\$3) and (temperature near2 (detect\$3 or sensor\$1)) and ((adjust\$3 or fix\$3) near5 ((cool\$3 and heat\$3) or thermal\$3)) and (power near3 (detect\$3 or sensor\$1))	US-PGPUB; USPAT	AND	ON	2006/01/31 17:20
S73	1368	laser and (temperature near2 control\$3) and (temperature near2 (detect\$3 or sensor\$1)) and ((adjust\$3 or fix\$3) near5 ((cool\$3 and heat\$3) or thermal\$3))	US-PGPUB; USPAT	AND	ON	2006/01/31 17:20
S75	19	laser and (temperature near2 control\$3) and (temperature near2 (detect\$3 or sensor\$1)) and ((adjust\$3 or fix\$3) near5 ((cool\$3 and heat\$3) or thermal\$3)) and (power near3 (detect\$3 or sensor\$1)) and "372"/\$.ccls.	US-PGPUB; USPAT	AND	ON	2006/01/31 17:21
S76	21	laser and (temperature near2 control\$3) and (temperature near2 (detect\$3 or sensor\$1 or driv\$3)) and ((adjust\$3 or fix\$3) near5 ((cool\$3 and heat\$3) or thermal\$3)) and (power near3 (detect\$3 or sensor\$1)) and "372"/\$.ccls.	US-PGPUB; USPAT	AND	ON	2006/01/31 17:23

## EAST Search History

S78	10	laser and (temperature near2 control\$3) and (temperature near2 (detect\$3 or sensor\$1 or driv\$3)) and ((adjust\$3 or fix\$3) near5 ((cool\$3 and heat\$3) or thermal\$3)) and (power near3 (detect\$3 or sensor\$1)) and fiber and calculat\$3 and "372"/.ccls.	US-PGPUB; USPAT	AND	ON	2006/01/31 17:53
S77	47	laser and (temperature near2 control\$3) and (temperature near2 (detect\$3 or sensor\$1 or driv\$3)) and ((adjust\$3 or fix\$3) near5 ((cool\$3 and heat\$3) or thermal\$3)) and (power near3 (detect\$3 or sensor\$1)) and fiber and calculat\$3	US-PGPUB; USPAT	AND	ON	2006/01/31 17:54
S80	1	laser and fiber and (driv\$3 near2 circuit) and ((monit\$4 or diode) near2 (device or element)) and (temperature near3 (detect\$4 or sensor)) and (comparis\$3 near2 table)	US-PGPUB; USPAT	AND	ON	2006/02/02 07:29
S81	2	laser and fiber and (driv\$3 near4 (circuit or laser)) and (temperature near3 (detect\$4 or sensor)) and (temperature near3 comparis\$3 near2 table)	US-PGPUB; USPAT	AND	ON	2006/02/02 07:32
S83	20	372/29.021 and 372/33	US-PGPUB; USPAT	AND	ON	2006/02/02 07:46
S84	612	372/33.ccls.	US-PGPUB; USPAT	AND	ON	2006/02/02 08:00
S85	475	372/33.ccls. and power	US-PGPUB; USPAT	AND	ON	2006/02/02 08:01
S86	188	laser and fiber and (driv\$3 near2 circuit) and (temperature near3 (detect\$4 or sensor)) and ((comparis\$ or (look-up) or (loop near2 up)) near2 table)	US-PGPUB; USPAT	AND	ON	2006/02/02 08:04
S79	14	laser and fiber and (driv\$3 near2 circuit) and (temperature near3 (detect\$4 or sensor)) and (comparis\$3 near2 table)	US-PGPUB; USPAT	AND	ON	2006/02/02 08:04
S87	87	laser and fiber and (driv\$3 near2 circuit) and (temperature near3 (detect\$4 or sensor)) and ((comparis\$ or (look-up) or (loop near2 up)) near2 table) and (power near3 value)	US-PGPUB; USPAT	AND	ON	2006/02/02 08:07
S88	8	laser and fiber and (driv\$3 near2 circuit) and (temperature near3 (detect\$4 or sensor)) and ((comparis\$ or (look-up) or (loop near2 up)) near2 table) and (power near3 value) and "372"/\$.ccls.	US-PGPUB; USPAT	AND	ON	2006/02/02 08:09
S89	2	laser and fiber and (driv\$3 near2 circuit) and (temperature near3 (detect\$4 or sensor)) and ((comparis\$ or (look-up) or (loop near2 up)) near2 table) and ((power near3 value) near3 (calculat\$3 or determin\$4 or computer or estimat\$3))	US-PGPUB; USPAT	AND	ON	2006/02/02 08:11
S91	3	laser and fiber and (driv\$3 near2 circuit) and (temperature near3 (detect\$4 or sensor)) and ((comparis\$ or (look-up) or (loop near2 up)) near2 table) and ((power near3 value) with (calculat\$3 or determin\$4 or computer or estimat\$3)) and "372"/\$.ccls.	US-PGPUB; USPAT	AND	ON	2006/02/02 08:12
S90	75	laser and fiber and (driv\$3 near2 circuit) and (temperature near3 (detect\$4 or sensor)) and ((comparis\$ or (look-up) or (loop near2 up)) near2 table) and ((power near3 value) with (calculat\$3 or determin\$4 or computer or estimat\$3))	US-PGPUB; USPAT	AND	ON	2006/02/02 08:18
S92	48	fiber and (driv\$3 near4 (circuit or laser)) and (temperature near3 (detect\$4 or sensor)) and ((comparis\$ or (look-up) or (loop near2 up)) near2 table) and "372"/\$	US-PGPUB; USPAT	AND	ON	2006/02/02 08:21
S82	2	fiber and (driv\$3 near4 (circuit or laser)) and (temperature near3 (detect\$4 or sensor\$1)) and (temperature near3 comparis\$3 near2 table)	US-PGPUB; USPAT	AND	ON	2006/02/02 08:21
S93	311	fiber and (driv\$3 near4 (circuit or laser)) and (temperature near3 (detect\$4 or sensor)) and ((comparis\$ or (look-up) or (loop near2 up)) near2 table)	US-PGPUB; USPAT	AND	ON	2006/02/02 08:23
S95	50	((temperature near3 (detect\$4 or sensor)) and (((comparis\$ or (look-up) or (loop near2 up)) near2 table) with (driv\$3 near4 (circuit or laser))))	US-PGPUB; USPAT	AND	ON	2006/02/02 08:31
S94	133	((temperature near3 (detect\$4 or sensor)) and (((comparis\$ or (look-up) or (loop near2 up)) near2 table) same (driv\$3 near4 (circuit or laser))))	US-PGPUB; USPAT	AND	ON	2006/02/02 08:32
S97	1	("57186383").PN.	JPO	OR	OFF	2006/02/02 12:14
S98	1	((optical near3 value) or (power near3 value)) and "6891867"	US-PGPUB; USPAT	AND	ON	2006/02/02 12:31

## EAST Search History

S99	1	laser and (determin\$3 near6 ((optical near3 value) or (power near3 value))) and (qualif\$4 near6 ((optical near3 value) or (power near3 value)))	US-PGPUB; USPAT	AND	ON	2006/02/02 12:38
S96	70	(temperature near3 (detect\$4 or sensor)) and (((comparis\$ or (look-up) or (loop near2 up)) near2 table) same (driv\$3 near4 (circuit or laser))) and laser	US-PGPUB; USPAT	AND	ON	2006/02/02 13:18
S10 0	10	(temperature near3 (detect\$4 or sensor)) and (((comparis\$ or (look-up) or (loop near2 up)) near2 table) same (driv\$3 near4 circuit\$2 near4 laser)) and laser	US-PGPUB; USPAT	AND	ON	2006/02/02 13:23
S10 1	1	("20050078722").PN.	US-PGPUB; USPAT	OR	OFF	2006/02/02 13:32
S10 2	177	fiber and (modulat\$4 near3 current) and temperature and (target near4 power)	US-PGPUB; USPAT	AND	ON	2006/02/02 15:27
S10 5	3	S103 and "372"/29.021.ccls.	US-PGPUB; USPAT	AND	ON	2006/02/02 15:28
S10 7	10	S103 and "372"/\$.ccls. and (data near3 (sample or model\$1))	US-PGPUB; USPAT	AND	ON	2006/02/02 15:32
S10 4	40	S103 and "372"/\$.ccls.	US-PGPUB; USPAT	AND	ON	2006/02/02 15:32
S11 0	2	fiber and ((modulat\$4 near3 current) same temperature) and (target near4 power) and laser and (data near3 (sample or model\$1)) and "372"/29.021.ccls.	US-PGPUB; USPAT	AND	ON	2006/02/02 15:34
S10 3	167	fiber and (modulat\$4 near3 current) and temperature and (target near4 power) and laser	US-PGPUB; USPAT	AND	ON	2006/02/02 15:34
S11 1	49	((Wu near3 Hsin-Ho) or (Deane near3 Peter)).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/02/02 15:36
S11 3	6	((Wu near3 Hsin-Ho) or (Deane near3 Peter)).in.	USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/25 08:16
S2	47	((Wu near3 Hsin-Ho) or (Deane near3 Peter))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/25 08:16
S11 2	45	((Wu near3 Hsin-Ho) or (Deane near3 Peter)).in.	US-PGPUB; USPAT	AND	ON	2006/05/25 08:17
S11 5	12	fiber and ((modulat\$4 near3 current) same temperature) and (target near4 power) and laser and (data near3 (sample or model\$1))	US-PGPUB; USPAT	AND	ON	2006/05/25 08:25
S11 4	7	fiber and ((modulat\$4 near3 current) same temperature) and (target near4 power) and laser and (data near3 (sample or model\$1)) and "372"/\$.ccls.	US-PGPUB; USPAT	AND	ON	2006/05/25 08:25
S11 7	40	S116 and "372"/\$.ccls. and data	US-PGPUB; USPAT	AND	ON	2006/05/25 08:28
S11 6	177	fiber and (modulat\$4 near3 current) and temperature and (target near4 power) and laser	US-PGPUB; USPAT	AND	ON	2006/05/25 08:28
S22	82	laser and (temperature with (sensor\$1 or detect\$3)) and (driv\$4 near3 (circuit or current)) and (value near4 current) and (((look\$3-up) or (look\$3 near2 up)) with temperature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/25 08:29
S11 9	34	"372"/29.021.ccls. and (power near2 value) and temperature and (driv\$4 (current or circuit))	US-PGPUB; USPAT	AND	ON	2006/05/25 08:30

## EAST Search History

S11 8	102	laser and (temperature with (sensor\$1 or detect\$3)) and (driv\$4 near3 (circuit or current)) and (value near4 current) and (((look\$3-up) or (look\$3 near2 up)) with temperature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/25 09:07
S12 2	1	(BPL or (base near3 power near2 level)) and laser and temperature and (current near4 modulat\$4) and fiber and target	US-PGPUB; USPAT	AND	ON	2006/05/25 10:06
S12 3	1	((BPL or (base near3 power near2 level)) and laser and temperature and (current near4 modulat\$4) and fiber and target).clm.	US-PGPUB	AND	ON	2006/05/25 10:07
S12 6	5	(BPL or (base near3 power near2 level)) and laser and temperature and (current near4 value) and (data with (sample or model\$1))	US-PGPUB; USPAT	AND	ON	2006/05/25 10:13
S12 5	4	(BPL or (base near3 power near2 level)) and laser and temperature and (current near4 value) and (data with model\$1)	US-PGPUB; USPAT	AND	ON	2006/05/25 10:13
S12 4	37	(BPL or (base near3 power near2 level)) and laser and temperature and (current near4 value) and data	US-PGPUB; USPAT	AND	ON	2006/05/25 10:13
S12 7	1	((BPL or (base near3 power near2 level)) and laser and temperature and (current near4 value) and data).clm.	US-PGPUB	AND	ON	2006/05/25 10:14
S12 1	126	laser and (temperature with (sensor\$1 or detect\$3)) and (driv\$4 near3 (circuit or current)) and (value near4 current) and (((look\$3-up) or (look\$3 near2 up) or (look-up)) same temperature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/25 10:22
S12 8	161	(semiconductor near3 laser) and (fiber or fibre) and monitor\$3 and (temperature with (sensor\$1 or detect\$3)) and (driv\$4 near3 (circuit\$2 or current)) and (((("look\$3-up") or (look\$3 near2 up) or ("look-up")) near3 table)	US-PGPUB; USPAT	AND	ON	2006/05/25 10:30
S13 1	0	(semiconductor near3 laser) and (fiber or fibre) and monitor\$3 and (temperature with (sensor\$1 or detect\$3)) and (driv\$4 near3 (circuit\$2 or current)) and (((("look\$3-up") or (look\$3 near2 up) or ("look-up")) near3 table) and "372"/\$.cccls.	USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/25 10:31
S13 0	2	((semiconductor near3 laser) and (fiber or fibre) and monitor\$3 and (temperature with (sensor\$1 or detect\$3)) and (driv\$4 near3 (circuit\$2 or current)) and (((("look\$3-up") or (look\$3 near2 up) or ("look-up")) near3 table)).clm.	US-PGPUB; USPAT	AND	ON	2006/05/25 10:31
S12 9	34	(semiconductor near3 laser) and (fiber or fibre) and monitor\$3 and (temperature with (sensor\$1 or detect\$3)) and (driv\$4 near3 (circuit\$2 or current)) and (((("look\$3-up") or (look\$3 near2 up) or ("look-up")) near3 table) and "372"/\$.cccls.	US-PGPUB; USPAT	AND	ON	2006/05/25 10:47
S13 3	3	S132 not S129	US-PGPUB; USPAT	AND	ON	2006/05/25 10:48
S13 2	37	(semiconductor near3 laser) and (fiber or fibre) and (temperature with (sensor\$1 or detect\$3)) and (driv\$4 near3 (circuit\$2 or current)) and (((("look\$3-up") or (look\$3 near2 up) or ("look-up")) near3 table) and "372"/\$.cccls.	US-PGPUB; USPAT	AND	ON	2006/05/25 10:49
S13 4	53	(semiconductor near3 laser) and (fiber or fibre) and (temperature with (sensor\$1 or detect\$3)) and (driv\$4 near3 (circuit\$2 or current)) and (((("look\$3-up") or (look\$3 near2 up) or ("look-up") or memory) near3 table) and "372"/\$.cccls.	US-PGPUB; USPAT	AND	ON	2006/05/25 10:50
S43	49	((("6032109") or ("4620093") or ("5278523") or ("5742200") or ("5809050") or ("4439673") or ("4498337") or ("4820916") or ("4852581") or ("4956538") or ("4963729") or ("4974596") or ("5270538") or ("5446538") or ("5449882") or ("5552791") or ("5552888") or ("5631141") or ("5694208") or ("5698847") or ("5708505") or ("5753815") or ("5780847") or ("5815477") or ("5905695") or ("5954659") or ("6142665") or ("4296633") or ("4320621") or ("4349958") or ("4369525") or ("4420260") or ("4569228") or ("4600836") or ("4608506") or ("4782227") or ("4787087") or ("4829533") or ("4908599") or ("4946246") or ("4958126") or ("4983381") or ("4988429") or ("5180921") or ("5267336") or ("5284076") or ("5301001") or ("5318919") or ("5331409") or ("5371336").pn.)).PN.	US-PGPUB; USPAT	OR	OFF	2006/07/18 10:10

## EAST Search History

S13 5	10	((("4,884,279" or "4,903,273" or "5,019,769" or "5,479,424" or "5,761,230" or "5,974,063" or "6,169,618" or "6,188,498" or "6,452,953" or "6,480,314").pn.	US-PGPUB; USPAT	OR	OFF	2006/07/18 10:13
S13 8	0	("4,884,279" or "4,903,273" or "5,019,769" or "5,479,424" or "5,761,230" or "5,974,063" or "6,169,618" or "6,188,498" or "6,452,953" or "6,480,314").pn. and (trim or trimming or trimed)	US-PGPUB; USPAT	AND	ON	2006/07/18 10:16
S13 7	10	("4,884,279" or "4,903,273" or "5,019,769" or "5,479,424" or "5,761,230" or "5,974,063" or "6,169,618" or "6,188,498" or "6,452,953" or "6,480,314").pn.	US-PGPUB; USPAT	AND	ON	2006/07/18 10:16
S13 9	4	("4,884,279" or "4,903,273" or "5,019,769" or "5,479,424" or "5,761,230" or "5,974,063" or "6,169,618" or "6,188,498" or "6,452,953" or "6,480,314").pn. and laser and driv\$4 and (power near3 (level or value))	US-PGPUB; USPAT	AND	ON	2006/07/18 10:31
S14 0	1313	(trim or trimming or trimed) and laser and driv\$4 and (power near3 (level or value or detect\$4))	US-PGPUB; USPAT	AND	ON	2006/07/18 10:32
S13 6	0	("4,884,279" or "4,903,273" or "5,019,769" or "5,479,424" or "5,761,230" or "5,974,063" or "6,169,618" or "6,188,498" or "6,452,953" or "6,480,314").pn. and (trim or trimming or trimed) and laser and driv\$4 and (power near3 (level or value))	US-PGPUB; USPAT	AND	ON	2006/07/18 10:32
S14 2	303	(trim or trimming or trimed) and laser and (driv\$4 near3 current) and (power near3 (level or value or detect\$4)) and temperature	US-PGPUB; USPAT	AND	ON	2006/07/18 10:33
S14 1	967	(trim or trimming or trimed) and laser and driv\$4 and (power near3 (level or value or detect\$4)) and temperature	US-PGPUB; USPAT	AND	ON	2006/07/18 10:33
S14 3	238	(trim or trimming or trimed) and laser and (driv\$4 near3 current) and (power near3 (level or value or detect\$4)) and temperature and compensat\$4	US-PGPUB; USPAT	AND	ON	2006/07/18 10:34
S14 4	144	(trim or trimming or trimed) and laser and (driv\$4 near3 current) and (power near3 (level or value or detect\$4)) and temperature and compensat\$4 and fiber	US-PGPUB; USPAT	AND	ON	2006/07/19 14:06
S14 8	45	(trim or trimming or trimed) and laser and (driv\$4 near3 current) and temperature and compensat\$4 and fiber and (optica\$1 with link)	US-PGPUB; USPAT	AND	ON	2006/07/19 14:19
S14 5	39	(trim or trimming or trimed) and laser and (driv\$4 near3 current) and (power near3 (level or value or detect\$4)) and temperature and compensat\$4 and fiber and (optica\$1 with link)	US-PGPUB; USPAT	AND	ON	2006/07/19 14:19
S14 9	150	(trim or trimming or trimed) and laser and (driv\$4 near3 current) and temperature and ((compensat\$4 or look-up or (look near2 up)) near3 table)	US-PGPUB; USPAT	AND	ON	2006/07/19 14:20
S14 7	64	(trim or trimming or trimed) and laser and (driv\$4 near3 current) and (power near3 (level or value or detect\$4)) and temperature and ((compensat\$4 or look-up or (look near2 up)) near3 table)	US-PGPUB; USPAT	AND	ON	2006/07/19 14:20
S15 0	2	(trim or trimming or trimed) and laser and (driv\$4 near3 current) and (power with (level or value or detect\$4)) and temperature and ((compensat\$4 or look-up or (look near2 up)) near3 table) and fiber and (optica\$1 with link)	US-PGPUB; USPAT	AND	ON	2006/07/19 14:21
S14 6	2	(trim or trimming or trimed) and laser and (driv\$4 near3 current) and (power near3 (level or value or detect\$4)) and temperature and ((compensat\$4 or look-up or (look near2 up)) near3 table) and fiber and (optica\$1 with link)	US-PGPUB; USPAT	AND	ON	2006/07/19 14:21
S15 1	76	(trim or trimming or trimed) and laser and (driv\$4 near3 current) and (power with (level or value or detect\$4)) and temperature and ((compensat\$4 or look-up or (look near2 up)) near3 table) and fiber	US-PGPUB; USPAT	AND	ON	2006/07/19 14:24
S15 2	81	(trim or trimming or trimed) and laser and (driv\$4 near3 (power or current)) and (power with (level or value or detect\$4)) and temperature and ((compensat\$4 or look-up or (look near2 up)) near3 table) and fiber	US-PGPUB; USPAT	AND	ON	2006/07/19 14:28
S15 4	10	(trim or trimming or trimed) and laser and (driv\$4 near3 (power or current)) and (power with (level or value or detect\$4)) and (temperature same ((compensat\$4 or look-up or (look near2 up)) with table)) and fiber	US-PGPUB; USPAT	AND	ON	2006/07/19 14:38
S15 3	9	(trim or trimming or trimed) and laser and (driv\$4 near3 (power or current)) and (power with (level or value or detect\$4)) and (temperature same ((compensat\$4 or look-up or (look near2 up)) near3 table)) and fiber	US-PGPUB; USPAT	AND	ON	2006/07/19 14:49



## EAST Search History

S15 6	1	(Chang near3 Tianhai).in.	US-PGPUB; USPAT	AND	ON	2006/07/19 14:50
S15 9	5	laser and ((control\$5 or sensor or detect\$4) near5 temperature) and (detect\$4 with power) and (driv\$5) and (trimming or trimmed or trim) and ((compensat\$4 or look-up or (look near2 up)) with table) and "372"/\$.ccls.	US-PGPUB; USPAT	AND	ON	2006/07/19 15:02
S15 8	4	laser and ((control\$5 or sensor or detect\$4) near5 temperature) and (detect\$4 with power) and (driv\$5) and (trimming or trimmed or trimm) and ((compensat\$4 or look-up or (look near2 up)) with table) and "372"/\$.ccls.	US-PGPUB; USPAT	AND	ON	2006/07/19 15:02
S16 0	128	laser and ((control\$5 or sensor or detect\$4) near5 temperature) and (detect\$4 with power) and (driv\$5) and (trimming or trimmed or trim) and ((compensat\$4 or look-up or (look near2 up)) with table)	US-PGPUB; USPAT	AND	ON	2006/07/19 15:12
S16 1	1	("5,019,769").PN.	US-PGPUB; USPAT	OR	OFF	2006/07/19 15:18
S16 4	0	S163 and S162	US-PGPUB; USPAT	AND	ON	2006/07/19 15:24
S16 2	197	372/29.021	US-PGPUB; USPAT	AND	ON	2006/07/19 15:24
S15 7	100	laser and ((control\$5 or sensor or detect\$4) near5 temperature) and (detect\$4 with power) and (driv\$5) and (trimming or trimmed or trimm) and ((compensat\$4 or look-up or (look near2 up)) with table)	US-PGPUB; USPAT	AND	ON	2006/07/19 15:24
S16 6	2	372/29\$.ccls. and S163	US-PGPUB; USPAT	AND	ON	2006/07/19 15:25
S16 5	1010	372/29\$.ccls.	US-PGPUB; USPAT	AND	ON	2006/07/19 15:25
S16 3	269	laser and ((control\$5 or sensor or detect\$4) near5 temperature) and (detect\$4 with power) and (driv\$5) and (trimming or trimmed or trimm) and (((compensat\$4 or look-up or (look near2 up)) with table) or memory)	US-PGPUB; USPAT	AND	ON	2006/07/19 15:25
S16 7	72	laser and ((control\$5 or sensor or detect\$4) near5 temperature) and (detect\$4 with power) and (driv\$5) and (((compensat\$4 or look-up or (look near2 up)) with table) or memory) and 372/29\$.ccls.	US-PGPUB; USPAT	AND	ON	2006/07/19 16:42
S16 8	72	laser and ((control\$5 or sensor or detect\$4) near5 temperature) and (detect\$4 with power) and (driv\$5) and (((compensat\$4 or look\$5-up or (look\$4 near2 up)) SAME table) or memory) and 372/29\$.ccls.	US-PGPUB; USPAT	AND	ON	2006/07/19 16:44
S16 9	120	laser and ((control\$5 or sensor or detect\$4) near5 temperature) and (detect\$4 with power) and (driv\$5) and ((compensat\$4 or look\$5-up or (look\$4 near2 up)) or memory) and 372/29\$.ccls.	US-PGPUB; USPAT	AND	ON	2006/07/19 17:37
S17 1	83	laser and ((control\$5 or sensor or detect\$4) near5 temperature) and (detect\$4 with power) and (driv\$5) and ((compensat\$4 or look\$5-up or (look\$4 near2 up)) or memory) and 372/29\$.ccls. and (fiber or fibre)	US-PGPUB; USPAT	AND	ON	2006/07/19 18:15
S17 2	16	laser and ((control\$5 or sensor or detect\$4 or adjust\$4) near5 temperature) and ((detect\$4 or adjust\$4 or control\$4 or sensor) with power) and (driv\$5) and ((compensat\$4 or look\$5-up or (look\$4 near2 up)) or memory) and 372/29\$.ccls. and (fiber same (optica\$1 with link))	US-PGPUB; USPAT	AND	ON	2006/07/19 18:17
S17 3	1	laser and ((control\$5 or sensor or detect\$4 or adjust\$4) near5 temperature) and ((detect\$4 or adjust\$4 or control\$4 or sensor) with power) and (driv\$5) and ((compensat\$4 or look\$5-up or (look\$4 near2 up)) or memory) and 372/29\$.ccls. and (fiber same (optica\$1 with link)) and (trim\$6)	US-PGPUB; USPAT	AND	ON	2006/07/19 18:18
S17 6	366	S175 not S174	US-PGPUB; USPAT	AND	ON	2006/07/19 18:28
S17 4	53	laser and ((control\$5 or sensor or detect\$4 or adjust\$4) near5 temperature) and ((detect\$4 or adjust\$4 or control\$4 or sensor) with power) and (driv\$5) and ((compensat\$4 or look\$5-up or (look\$4 near2 up)) or memory) and (fiber same (optica\$1 with link)) and (trim\$6)	US-PGPUB; USPAT	AND	ON	2006/07/19 18:28

## EAST Search History

S17 7	30	laser and ((compensat\$4 or look\$5-up or (look\$4 near2 up)) or memory) and (fiber same (optica\$1 with link)) and 372/29\$.ccls.	US-PGPUB; USPAT	AND	ON	2006/07/19 18:58
S17 5	419	laser and ((control\$5 or sensor or detect\$4 or adjust\$4) near5 temperature) and ((detect\$4 or adjust\$4 or control\$4 or sensor) with power) and (driv\$5) and ((compensat\$4 or look\$5-up or (look\$4 near2 up)) or memory) and (fiber same (optica\$1 with link))	US-PGPUB; USPAT	AND	ON	2006/07/19 18:58
S17 9	2	(laser same (fiber same (optica\$1 with link))) and ((compensat\$4 or look\$5-up or (look\$4 near2 up)) or memory) and 372/29\$.ccls. and trim\$6	US-PGPUB; USPAT	AND	ON	2006/07/19 19:00
S17 8	2	laser and ((compensat\$4 or look\$5-up or (look\$4 near2 up)) or memory) and (fiber same (optica\$1 with link)) and 372/29\$.ccls. and trim\$6	US-PGPUB; USPAT	AND	ON	2006/07/19 19:00
S18 0	55	(laser same (fiber same (optica\$1 with link))) and ((compensat\$4 or look\$5-up or (look\$4 near2 up)) or memory) and trim\$6	US-PGPUB; USPAT	AND	ON	2006/07/19 19:03
S15 5	34	laser and (control\$6 with temperature) and (detect\$4 with power) and (adjust\$5 with driv\$6) and (trimming or trimmed or trimm) and ((compensat\$4 or look-up or (look near2 up)) with table)	US-PGPUB; USPAT	AND	ON	2006/07/21 13:38
S18 3	1	("5073838").PN.	US-PGPUB; USPAT	OR	OFF	2006/07/21 13:39
S18 1	38	(laser same (fiber same (optica\$1 with link))) and (((compensat\$4 or look\$5-up or (look\$4 near2 up)) SAME table) or memory) and trim\$6	US-PGPUB; USPAT	AND	ON	2006/07/25 09:10
S18 7	601	((current near5 information) same ((( look\$5-up or (look\$4 near2 up)) SAME table) or memory) same temperature)	US-PGPUB; USPAT	AND	ON	2006/07/25 09:11
S18 5	136	((current near5 information) with (((compensat\$4 or look\$5-up or (look\$4 near2 up)) SAME table) or memory) with temperature)	US-PGPUB; USPAT	AND	ON	2006/07/25 09:11
S18 4	601	((current near5 information) same (((compensat\$4 or look\$5-up or (look\$4 near2 up)) SAME table) or memory) same temperature)	US-PGPUB; USPAT	AND	ON	2006/07/25 09:11
S18 6	136	((current near5 information) with ((( look\$5-up or (look\$4 near2 up)) SAME table) or memory) with temperature)	US-PGPUB; USPAT	AND	ON	2006/07/25 09:12
S18 8	22	((current near5 information) with ((( look\$5-up or (look\$4 near2 up)) SAME table) or memory) with temperature) and laser	US-PGPUB; USPAT	AND	ON	2006/07/25 10:50
S19 0	24	S189 and laser	US-PGPUB; USPAT	AND	ON	2006/07/25 10:51
S18 9	143	((current near5 information) with ((( look\$5-up or (look\$4 near2 up)) SAME table) or (temperature with compensation with table)))	US-PGPUB; USPAT	AND	ON	2006/07/25 11:14
S19 2	12	((current near5 (bias or information)) same ((( look\$5-up or (look\$4 near2 up)) SAME table) or (temperature with compensation with table)) same (driv\$4 near3 current)) and laser	US-PGPUB; USPAT	AND	ON	2006/07/25 17:04
S19 1	29	((current near5 (bias or information)) same ((( look\$5-up or (look\$4 near2 up)) SAME table) or (temperature with compensation with table)) same (driv\$4 near3 current))	US-PGPUB; USPAT	AND	ON	2006/07/25 17:04
S19 3	1	laser and monitor\$4 and (((electronic or power) near5 circuit\$4) with (qualified or acceptable)) and ((( look\$5-up or (look\$4 near2 up)) SAME table) or (temperature with compensation with table)) and (temperature with compensation with circuit\$4)	US-PGPUB; USPAT	AND	ON	2006/07/26 10:10
S19 6	79	S195 not S194	US-PGPUB; USPAT	AND	ON	2006/07/26 11:06
S19 4	13	laser and monitor\$4 and (((electronic or power) near5 circuit\$4) with (qualified or acceptable)) and ((( look\$5-up or (look\$4 near2 up)) SAME table) or (temperature with compensation with table))	US-PGPUB; USPAT	AND	ON	2006/07/26 11:06
S19 5	92	laser and monitor\$4 and ( circuit\$4 with (qualif\$3 or acceptable)) and ((( look\$5-up or (look\$4 near2 up)) SAME table) or (temperature with compensation with table))	US-PGPUB; USPAT	AND	ON	2006/07/26 11:09

## EAST Search History

S19 7	74	laser and monitor\$4 and (circuit\$4 with (qualif\$3 or acceptable)) and ((( look\$5-up or (look\$4 near2 up)) SAME table) or (temperature with compensation with table)) and driv\$4	US-PGPUB; USPAT	AND	ON	2006/07/26 11:38
S19 8	13	laser and monitor\$4 and (circuit\$4 with (qualif\$3 or acceptable) with power) and ((( look\$5-up or (look\$4 near2 up)) SAME table) or (temperature with compensation with table)) and driv\$4	US-PGPUB; USPAT	AND	ON	2006/07/26 11:42
S19 9	137	laser and monitor\$4 and ((qualif\$3 or acceptable) with power) and ((( look\$5-up or (look\$4 near2 up)) SAME table) or (temperature with compensation with table)) and driv\$4	US-PGPUB; USPAT	AND	ON	2006/07/26 12:34
S20 0	12	S199 and "372"/\$.ccls.	US-PGPUB; USPAT	AND	ON	2006/07/26 13:01
S20 2	1	("5019769").PN.	US-PGPUB; USPAT	OR	OFF	2006/07/26 13:35
S20 1	1	("5742268").PN.	US-PGPUB; USPAT	OR	OFF	2006/07/26 13:35
S20 4	1	("20020093999").PN.	US-PGPUB; USPAT	OR	OFF	2006/07/26 13:40
S20 3	1	("5418806").PN.	US-PGPUB; USPAT	OR	OFF	2006/07/26 13:40
S20 5	504	lasers and coupling and (fiber with link) and ((memory or calculat\$4 or look-up or (look near2 up)) with power)	US-PGPUB; USPAT	AND	ON	2006/07/26 16:11
S20 9	0	lasers and coupling and (fiber with link) and ((memory or calculat\$4 or look-up or (look near2 up)) with power) and (performance near3 parameters) and "438"/\$.ccls.	US-PGPUB; USPAT	AND	ON	2006/07/26 16:13
S20 8	0	lasers and coupling and (fiber with link) and ((memory or calculat\$4 or look-up or (look near2 up)) with power) and (performance near3 parameters) and "257"/\$.ccls.	US-PGPUB; USPAT	AND	ON	2006/07/26 16:13
S20 7	4	lasers and coupling and (fiber with link) and ((memory or calculat\$4 or look-up or (look near2 up)) with power) and (performance near3 parameters) and "372"/\$.ccls.	US-PGPUB; USPAT	AND	ON	2006/07/26 16:13
S20 6	33	lasers and coupling and (fiber with link) and ((memory or calculat\$4 or look-up or (look near2 up)) with power) and (performance near3 parameters)	US-PGPUB; USPAT	AND	ON	2006/07/26 16:16
S21 0	25	lasers and coupling and (fiber with link) and ((memory or calculat\$4 or look-up or (look near2 up)) with power) and "372"/\$.ccls.	US-PGPUB; USPAT	AND	ON	2006/07/26 16:18
S17 0	48	S169 not S168	US-PGPUB; USPAT	AND	ON	2006/08/02 11:08
L8	0	(laser near4 C?O???2) and "372"/\$.ccls.	US-PGPUB; USPAT	AND	ON	2006/08/02 16:44
L9	0	(laser with C????O????2) and "372"/\$.ccls.	US-PGPUB; USPAT	AND	ON	2006/08/02 16:45
L7	0	(laser with C?O???2) and "372"/\$.ccls.	US-PGPUB; USPAT	AND	ON	2006/08/02 16:45